



Organisation intergouvernementale pour les transports internationaux ferroviaires
Zwischenstaatliche Organisation für den internationalen Eisenbahnverkehr
Intergovernmental Organisation for International Carriage by Rail

INF. 9

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Joint Coordinating Group of Experts
(Video conference, 8 and 9 September 2020)

Agenda item 3: Review and report on the list of priority items agreed at the previous meeting
(see also document OTIF/RID/CE/JCGE 2019-B/Add.1)

2a – Vehicle authorisation process: responsibilities for conformity assessment (Notified Body for vehicles)

ITEM 4: 7.1.1. (NOTE)

Transmitted by European Union Agency for Railways



Topical Working Group – Freight – Derailment Prevention and Detection

JCGE meeting
8 September 2020 - teleconference



Ongoing discussions

- ERA has organized a Topical Working Group (TWG) in order to deal with this issue
- Two meetings held: 23 June 2020 and 2 September 2020
- OTIF/RID/CE/GTDD/2016-A is the main input to the discussions
- The new specification in the TSI WAG containing the functional requirements should be voluntary. Three options identified with different functional requirements as follows:
 - Derailment prevention function (DPF) means a detection of conditions which are a precursor to derailment. Upon detection of a derailment precursor, the DPD emits a signal without braking initiation.
 - Derailment detection function (DDF) means a detection of derailment. Upon detection of a derailment, the DDF emits a signal without braking initiation
 - Derailment detection and actuation function (DDAF) consists in detection of a derailment of the vehicle and, upon detection, initiation of an automatic brake application.



Next steps

- Additional TSI WAG parts to be considered:
 - Basic design characteristics
 - Route compatibility.
 - Risk scenario(s)
- Some of the options above require interfacing with other TSIs (LOC&PAS, OPE)
- ERA will provide the new draft open for comments to the TWG members in the first week of October.
- Next meeting date of TWG: 12th November 2020
- The final draft must be ready for September 2021, to be approved in RISC

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